

Product Specification

CMIVCPS04000800C Voltage Control Phase Shifter 4 - 8 GHz

Electrical Specifications

Parameter	Specification
Frequency Range	4 ~ 8 GHz
Phase Range	180° Typ.
Insertion Loss	5.5 dB Typ. 6.0 dB MAX
Insertion Loss Temperature Coefficient	0.11 dB/ °C Typ.
Phase Flatness	±8° Typ. ±15° MAX
Control Voltage	0.0 V MIN 10.0 V Typ.
Input VSWR	2.1:1 Typ. 2.5 :1 MAX
Output VSWR	2.0 :1 Typ. 2.5 :1 MAX
0.1 dB Compression Point (P0.1dB)	25 dBm Typ.
Current	5 mA
Impedance	50 Ω
Weight	0.35 Ounces
Input / Output Connectors	SMA-Female
Finish	Gold Plated
Material	Aluminum
Altitude	30,000 ft. (Epoxy Sealed Controlled Environment)
	60,000 ft 1.0 psi min (Hermetically Sealed Un-Controlled Environment) (Optional)
Vibration	25 gRMS [15 degrees 2 kHz] endurance, 1 hr/axis
Humidity	100% RH @ 35° C, 95% RH @ 40° C
Shock	20 G for 11 msec Half Sine Wave, 3 Axis Both Directions
Dimensions	See Attached Drawing [Dimensions are in mm]

Absolute Maximum Ratings

Control Voltage	-0.5 ~ +15V
RF Input Power	+27 dBm

Outline Drawing

